

FIG. 1



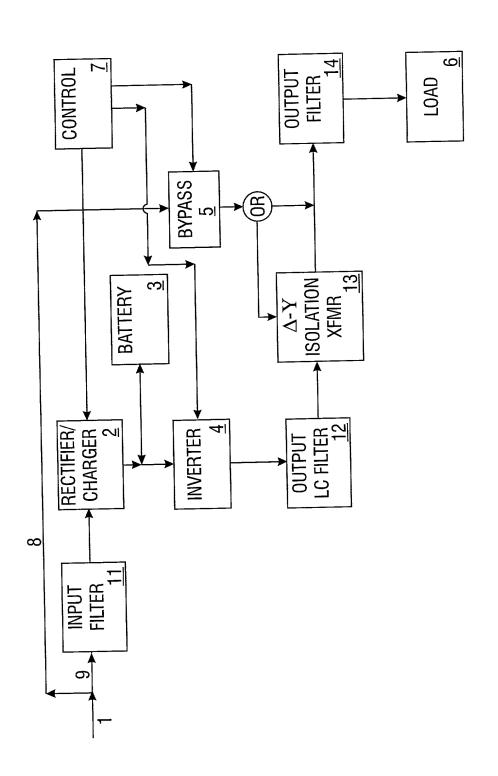


FIG. 2



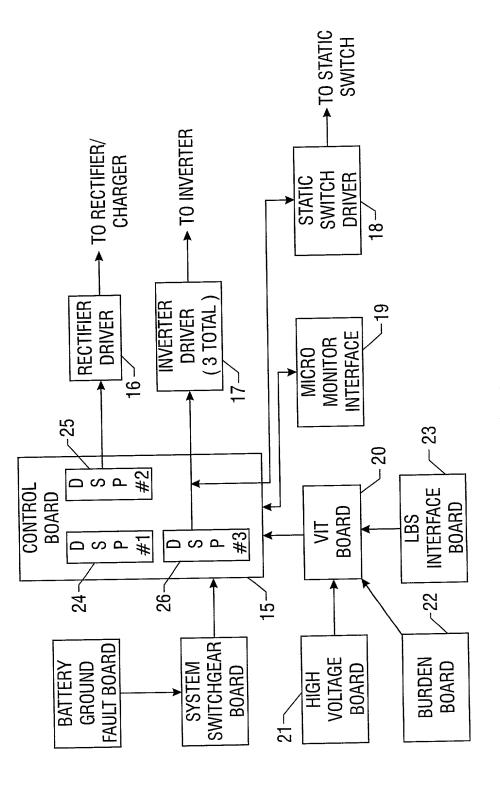


FIG. 3



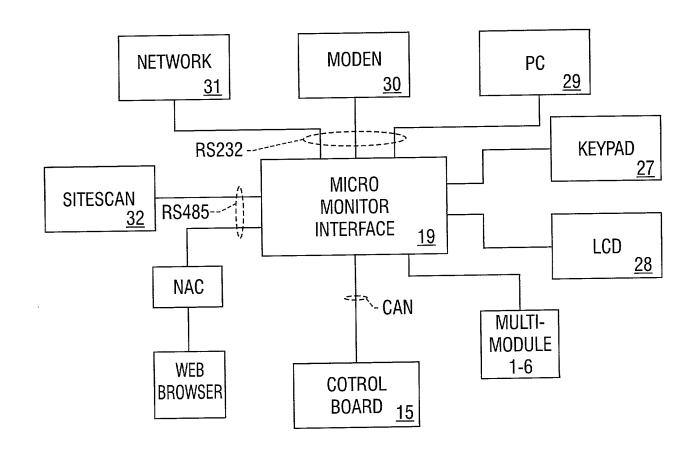


FIG. 4



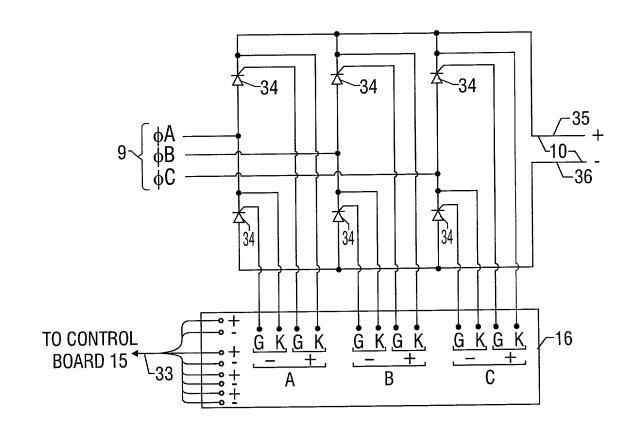
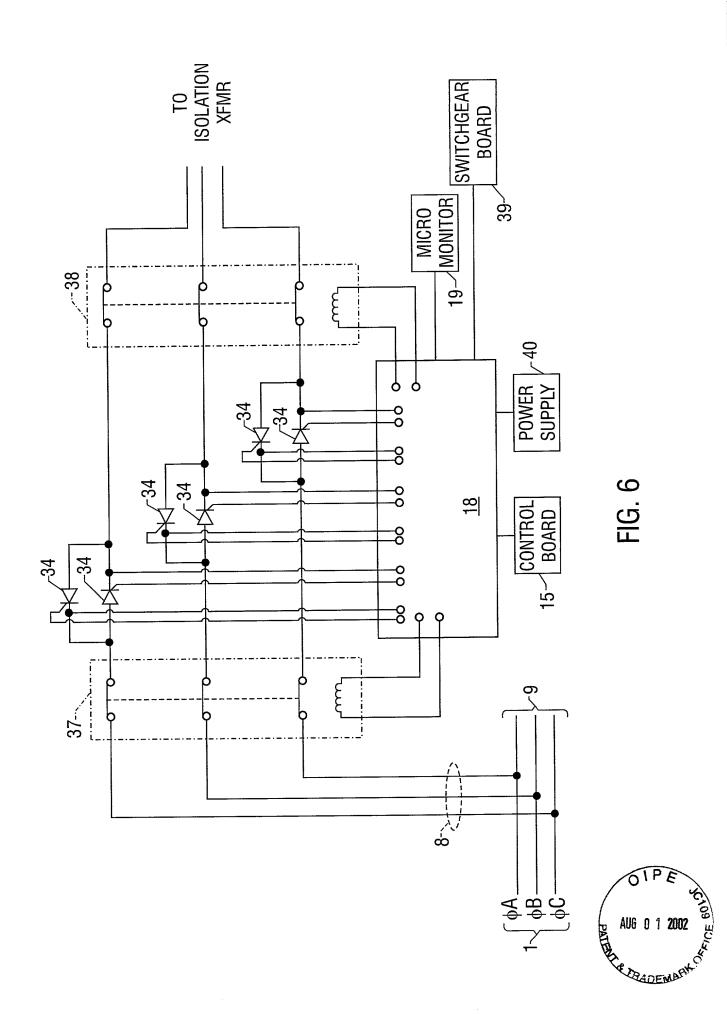
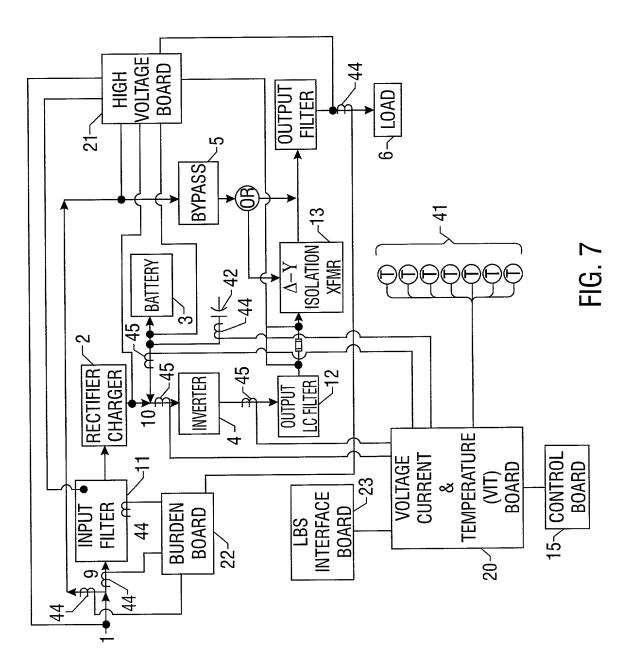


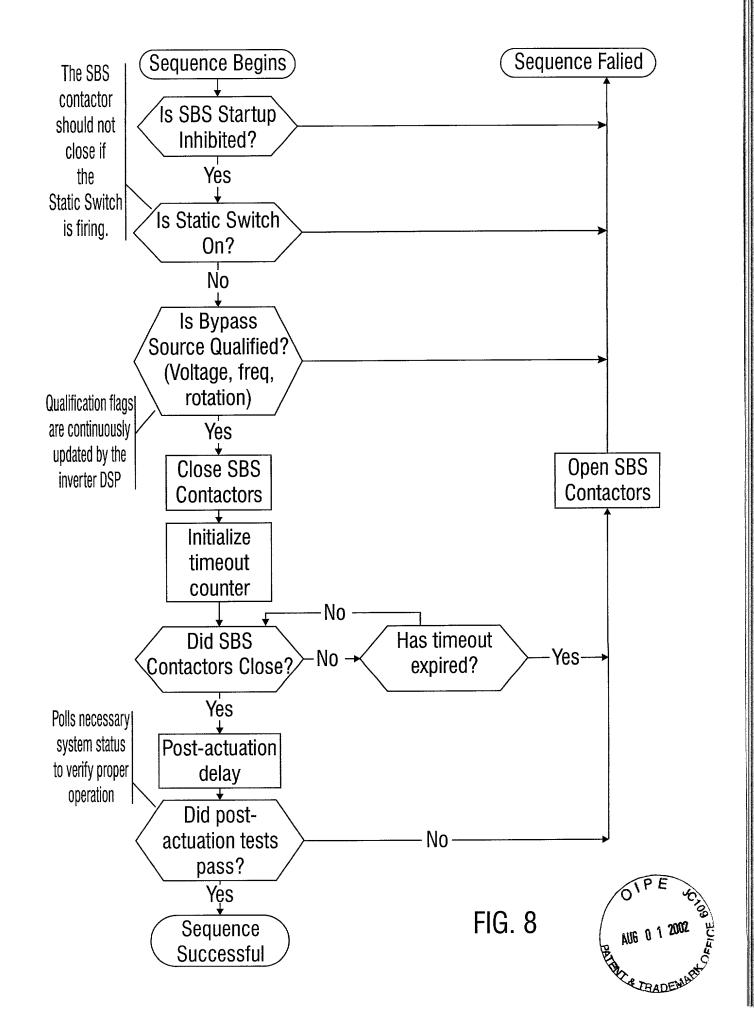
FIG. 5

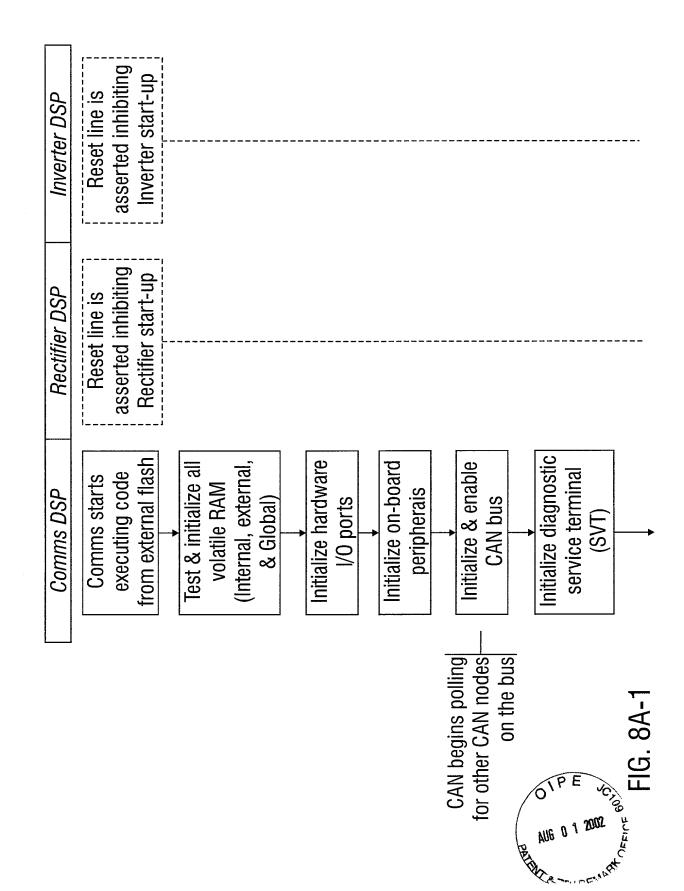


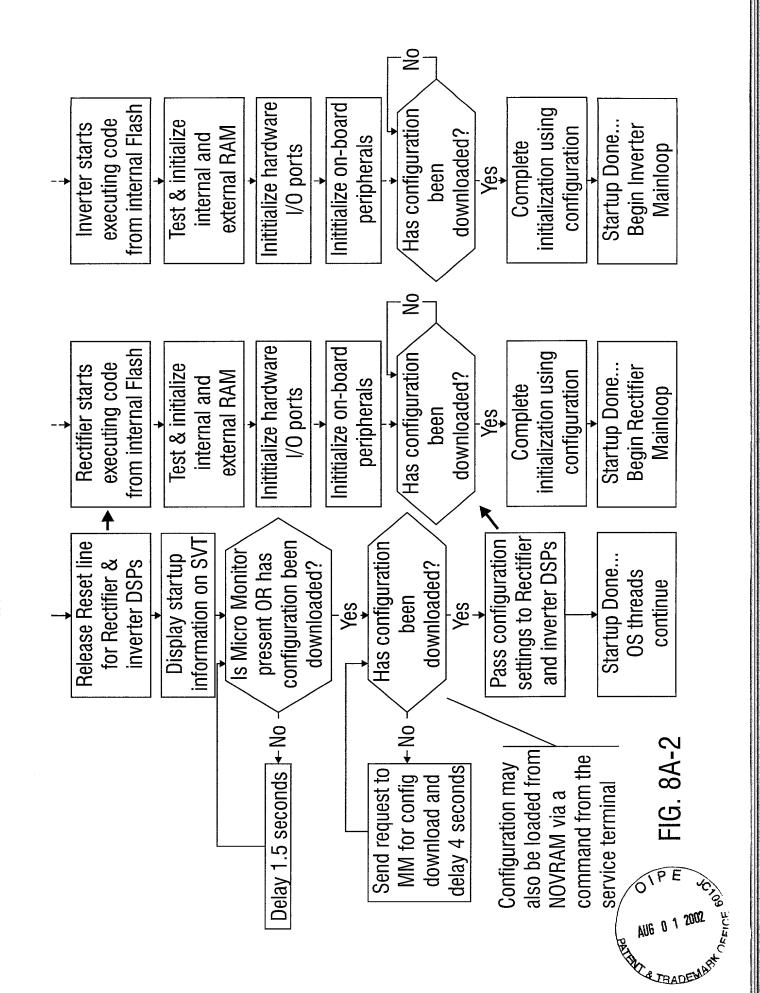












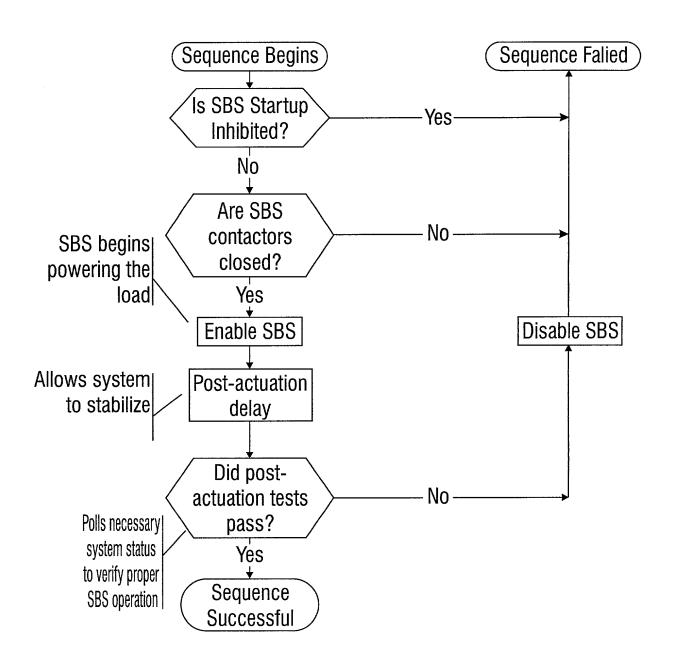
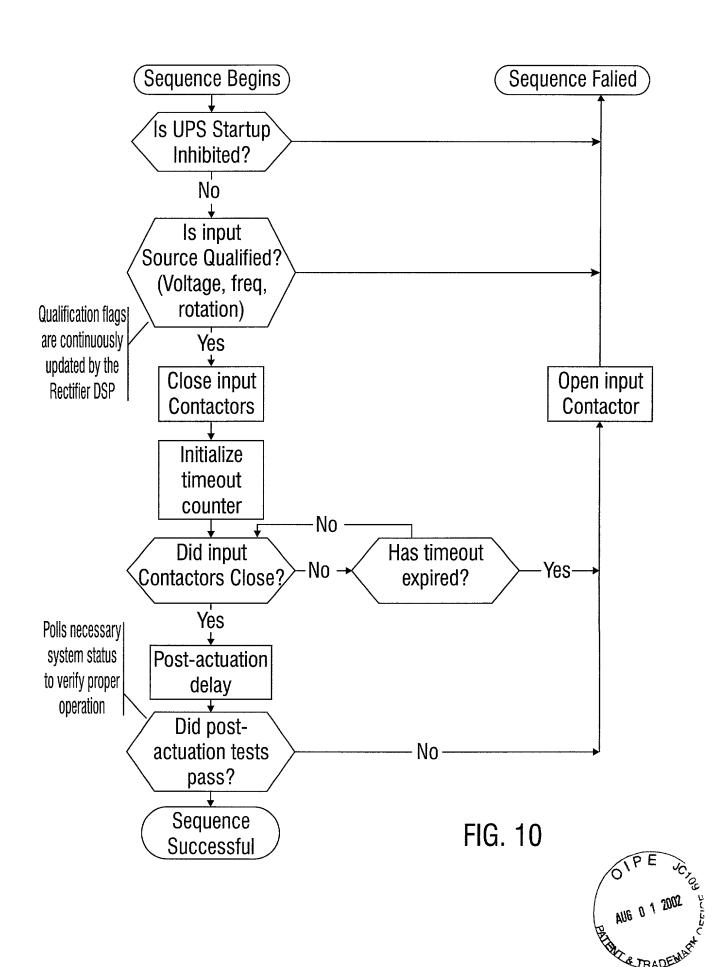
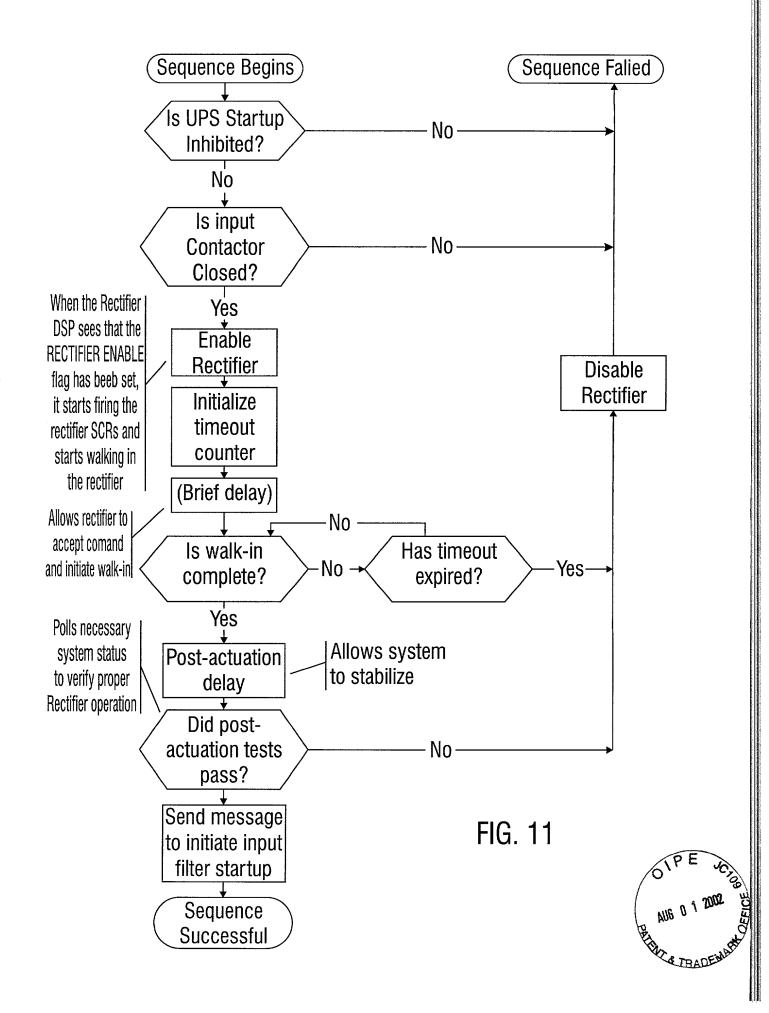
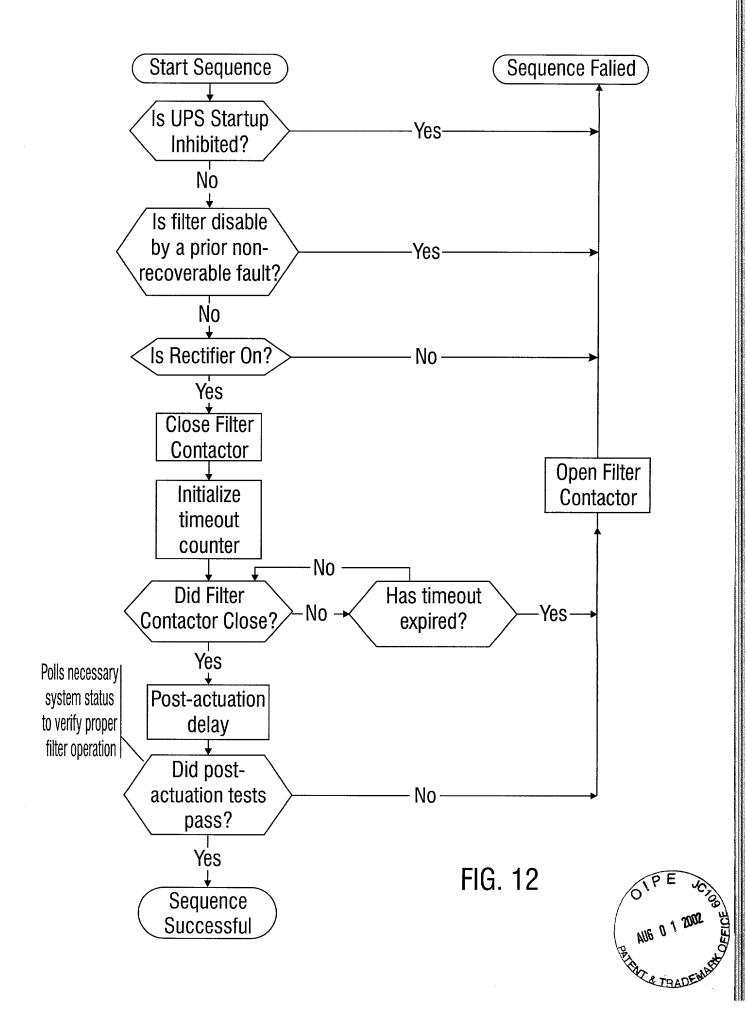


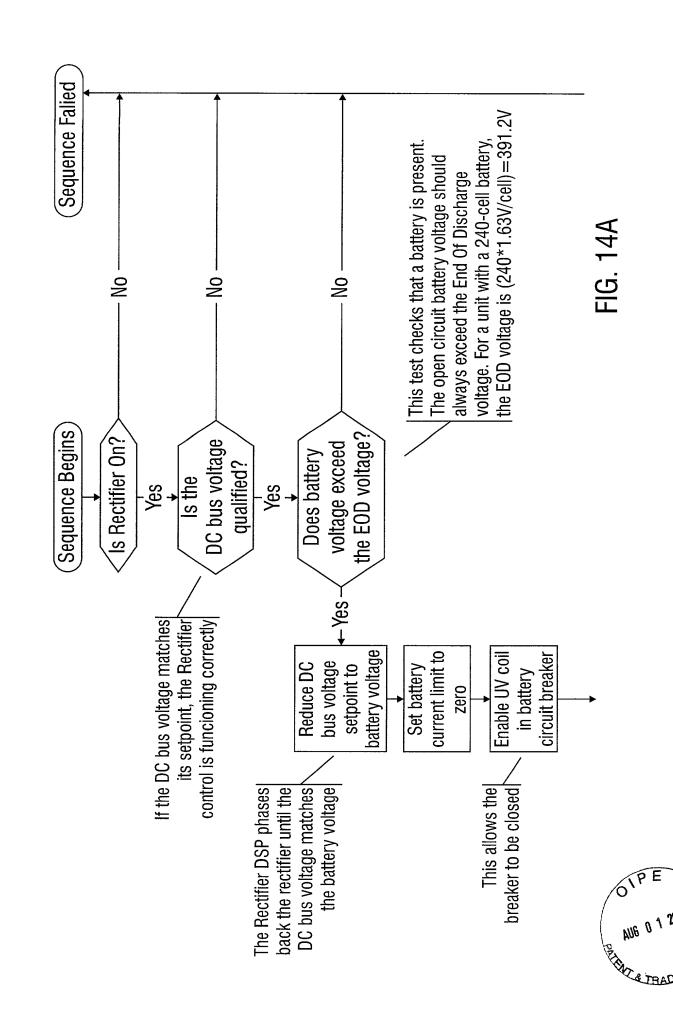
FIG. 9

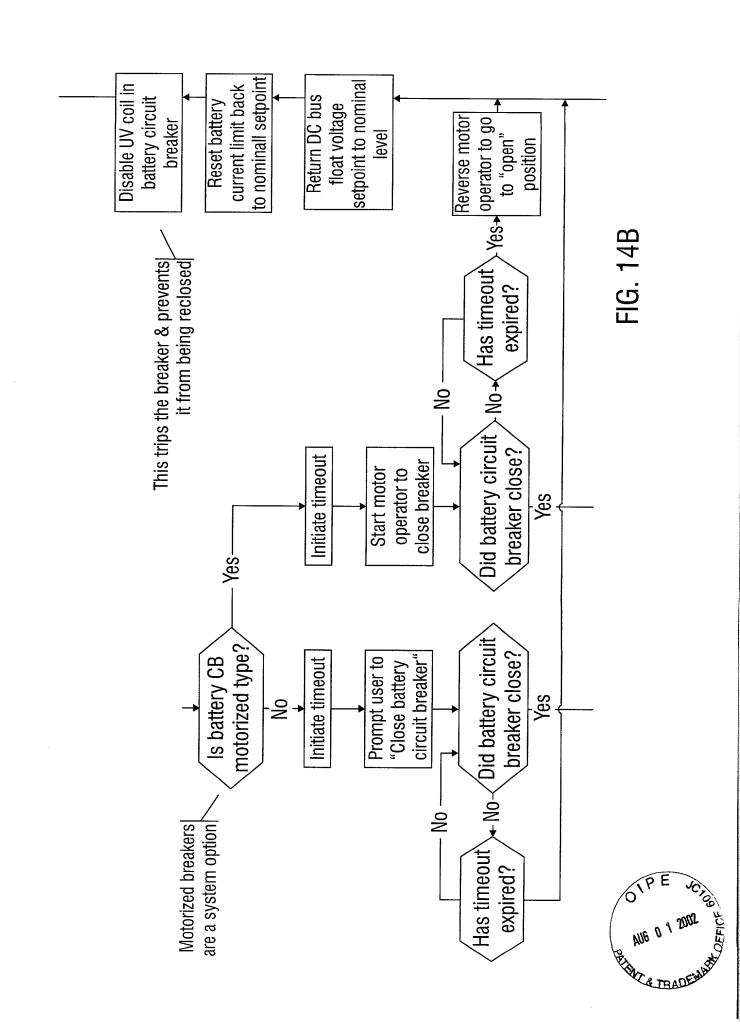


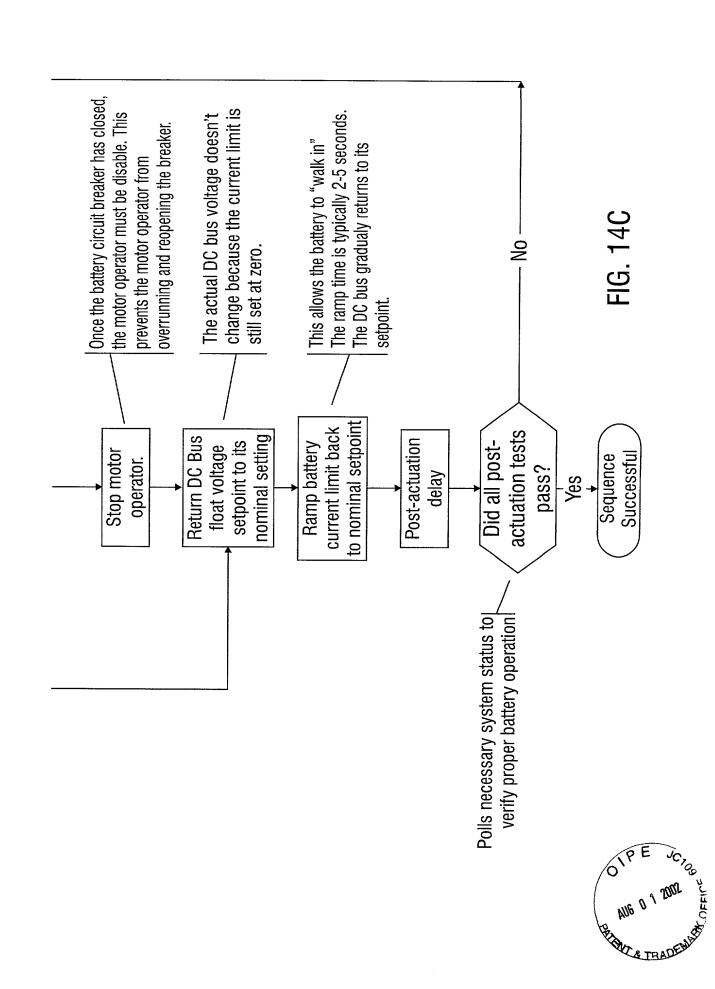


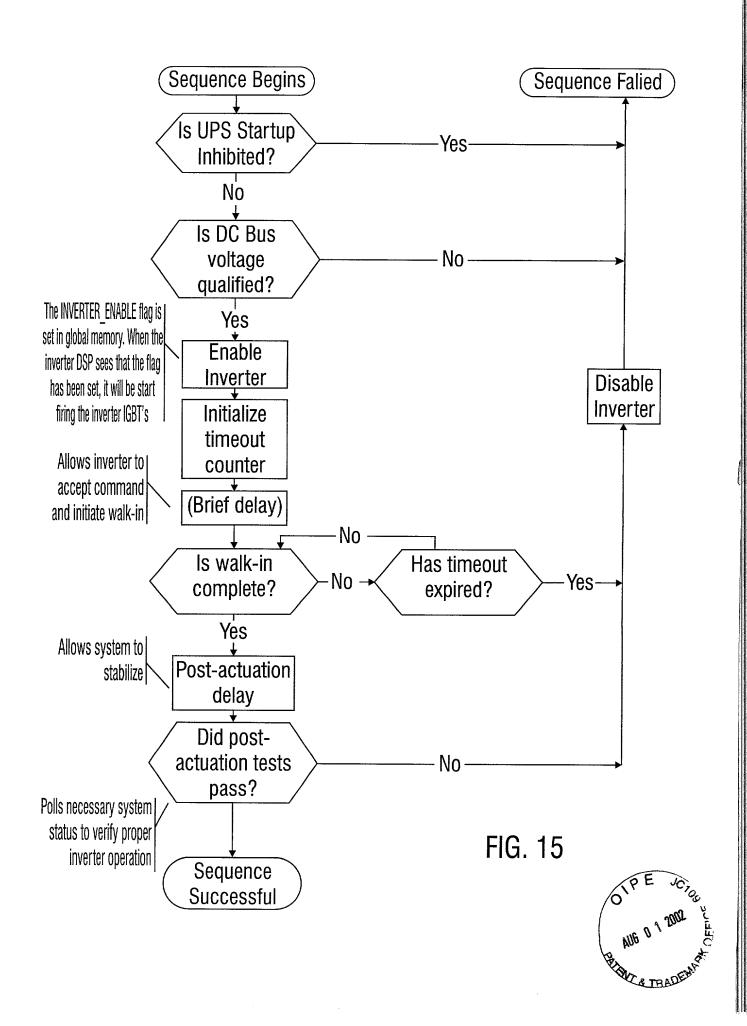


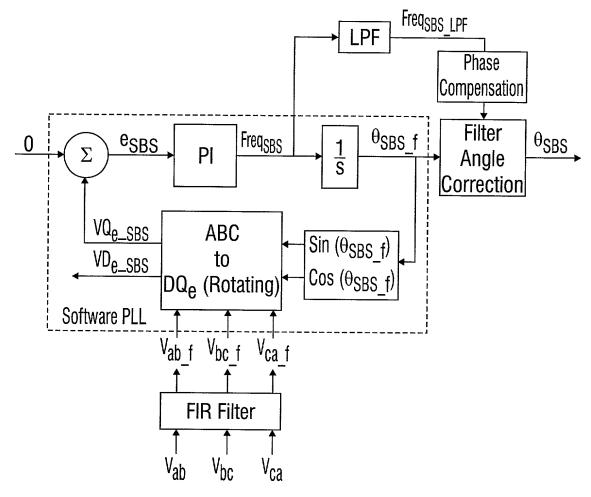












Static Bypass Switch L-L Voltage

FIG. 16



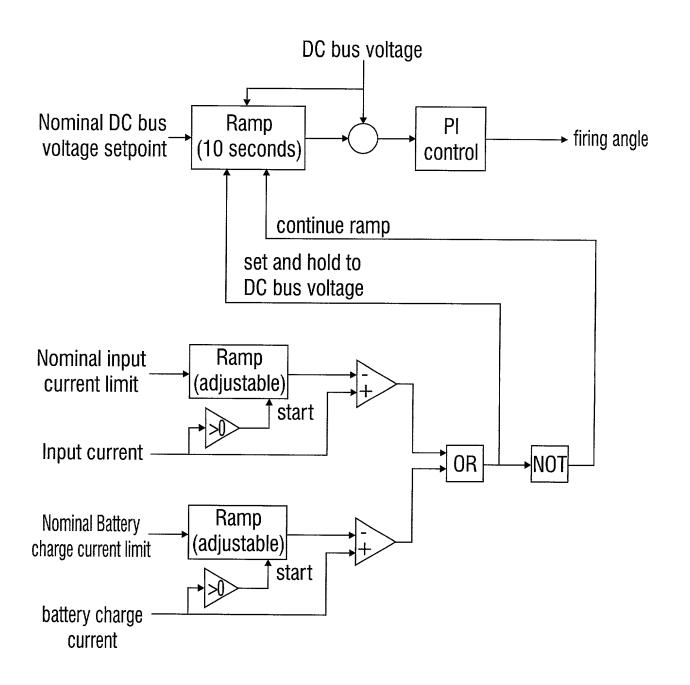


FIG. 17A



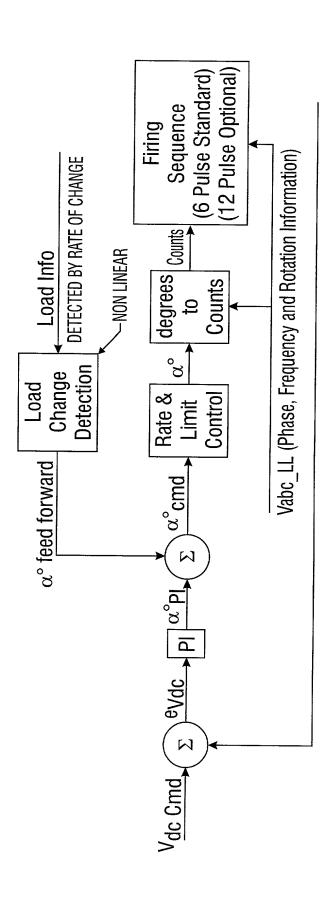


FIG. 17B



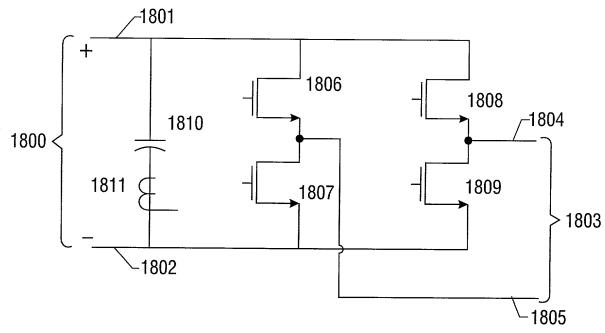


FIG. 18A

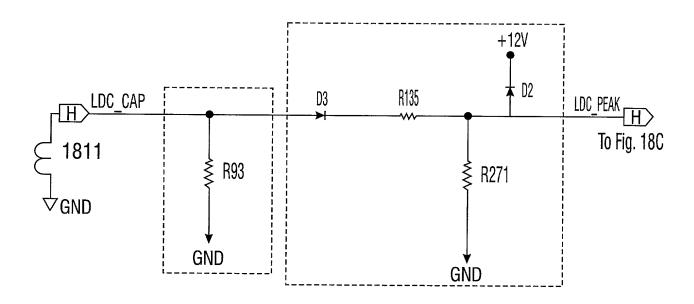


FIG. 18B



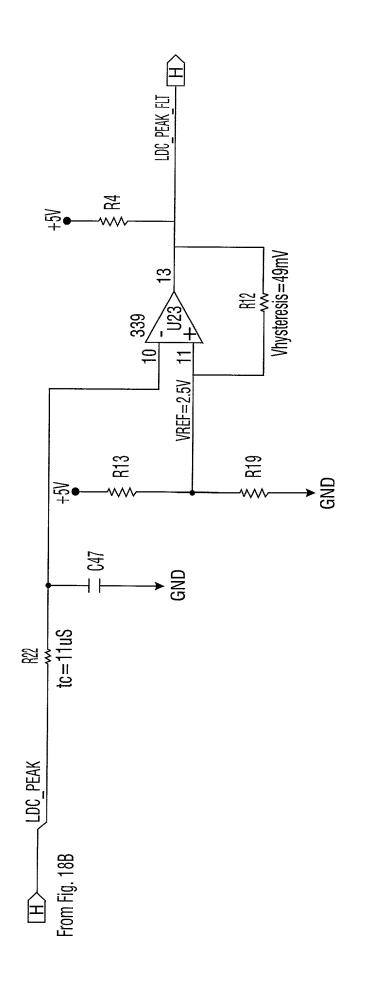


FIG. 18C



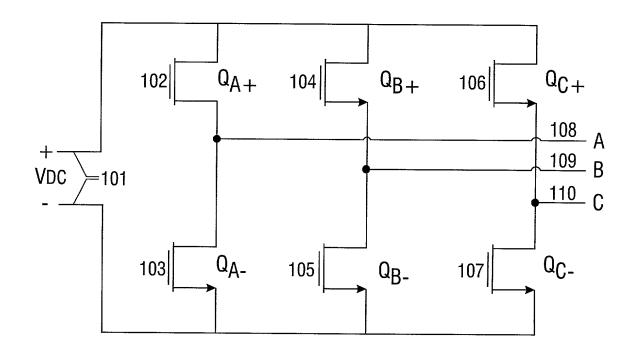
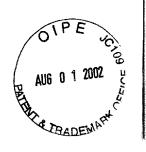


FIG. 19



	Vector	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	S	S S		7 5		7	
Line to Line Voltage Vectors	Ĺ		2/13 Vdr 230°	2/√3 V _{dc} ∠90°	2/43 Vdc 2150°	2/13 Vdc Z210°	2/13 Vdc 2270°	3 0	
	VCA	90 -		Vdc		-	- Vdc	0	0
	VBC	0	- Vdc	- Vdc	0	۷راد	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0	0
	VAB	Vdc	Vdc	0	- Vdc	- ۷مار	0	0	c
Line to Neutral Voltage Vectors	Vector	 	1 2	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	√ 9	1	
	$V = [V_{QS} V_{DS}]^T$	1	$2/3 V_{dc} \angle 60^\circ$	2/3 V _{dc}	2/3 V _{dc} ∠180°	2/3 V _{dc} ∠240°	c 2/3 V _{dc} \angle 300°	0	
	No.	/3 V _{dc}	//3 V _{dc}	./3 Vdc	/3 V _{dc}	/3 V _d	./3 V _d	0	C
	VBN	c -1/3 Vdc -1	c -2/3 Vdc 1	1/3 V _{dc}	1/3 V _{dc}	c 2/3 Vdc -1	/3 Vdc	0	C
	VAN	2/3 V _{dc} -1	1/3 V _{dc} -2	-1/3 V _{dc}	-2/3 V _{dc}	-1/3 V _{dc} 2	1/3 V _{dc} 1	0	U
Switch $(0=0FF, i=0N)$	SA+	-	-	0	0	0	-	0	1
	+ SB+	0	0	0	-	1	-	0	_
Switch	+ کر+	0	-	-	-	0	0	0	_

FIG. 20



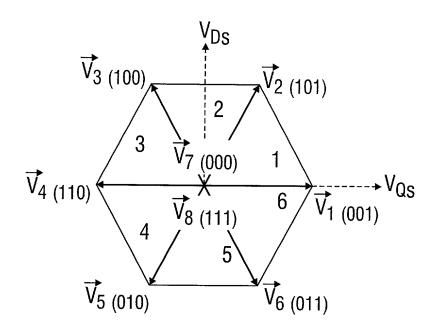


FIG. 21A

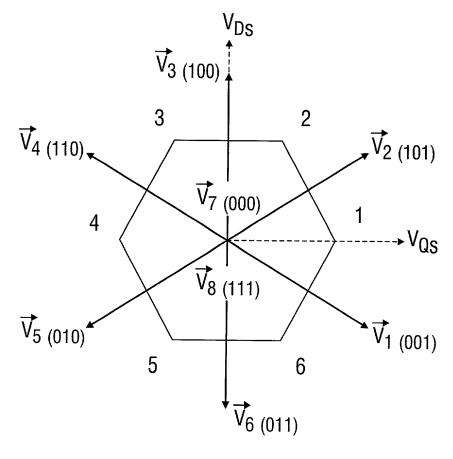


FIG. 21B



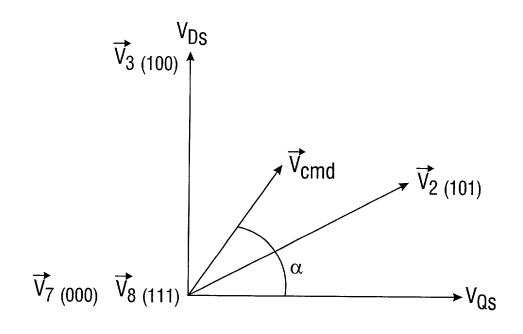
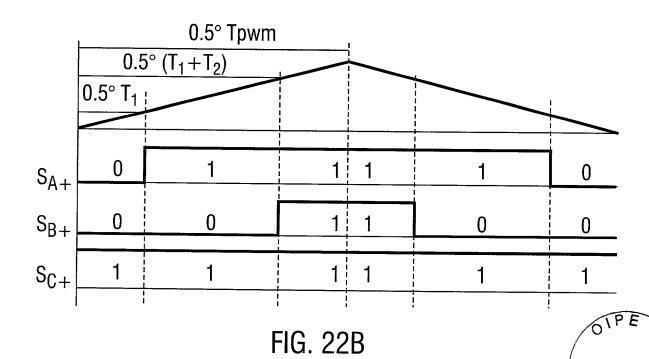


FIG. 22A



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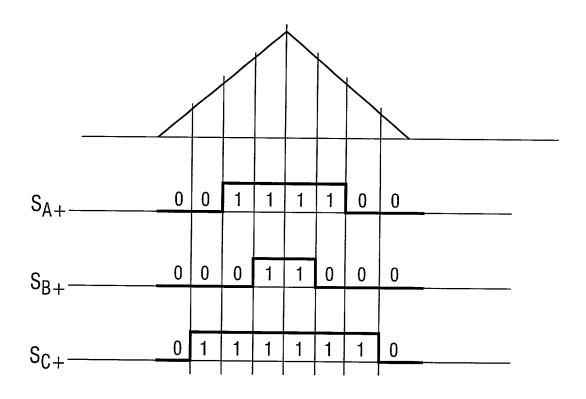
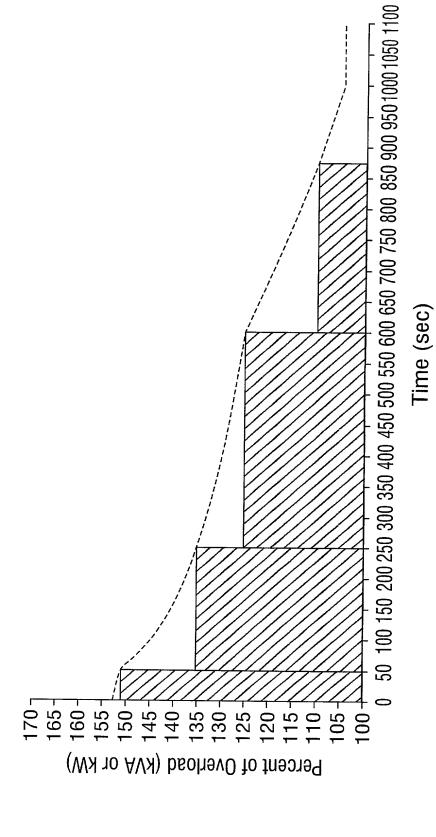


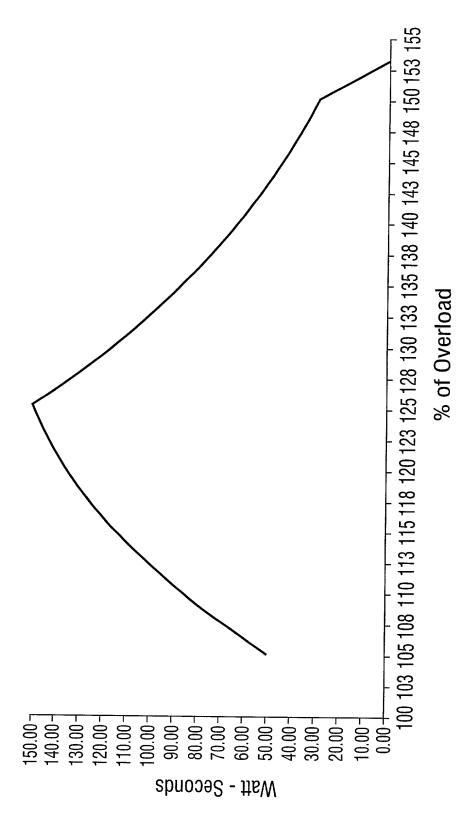
FIG. 22C





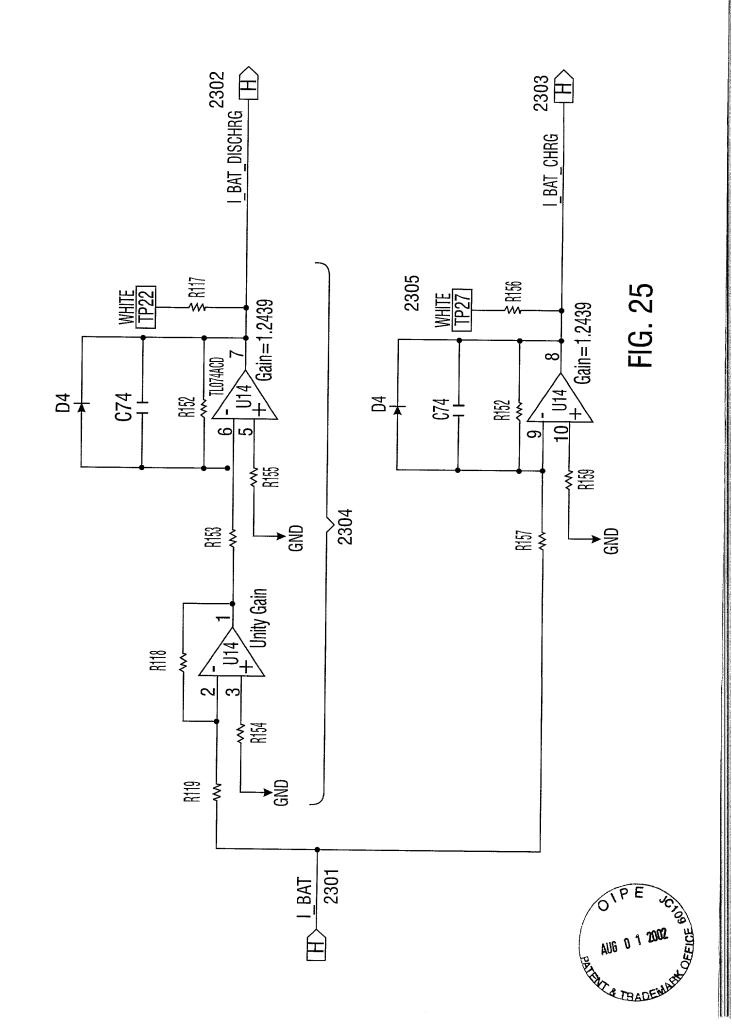
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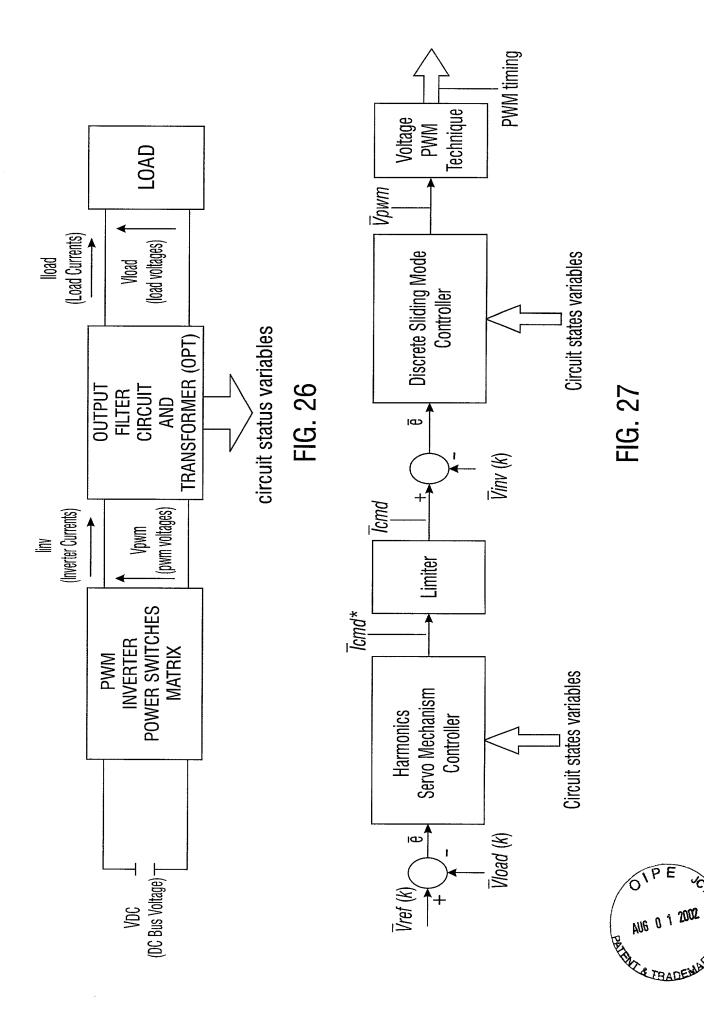
FIG. 23

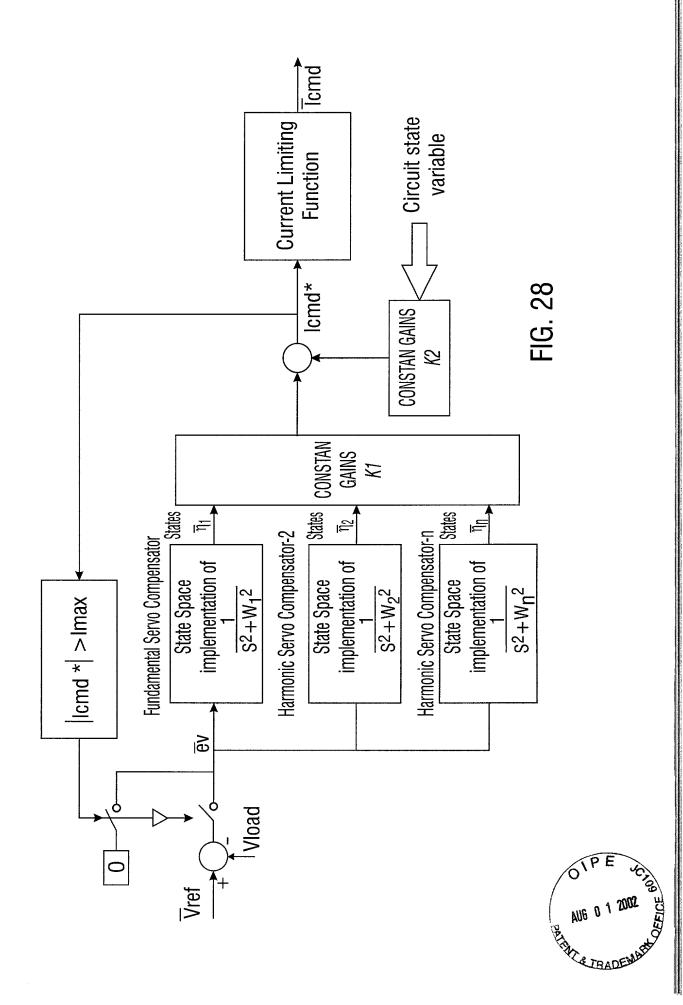


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FIG. 24







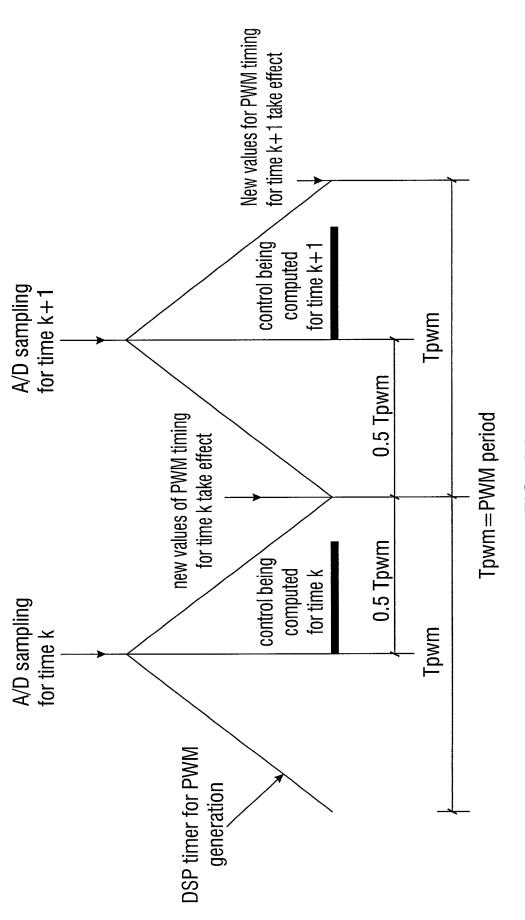




FIG. 29

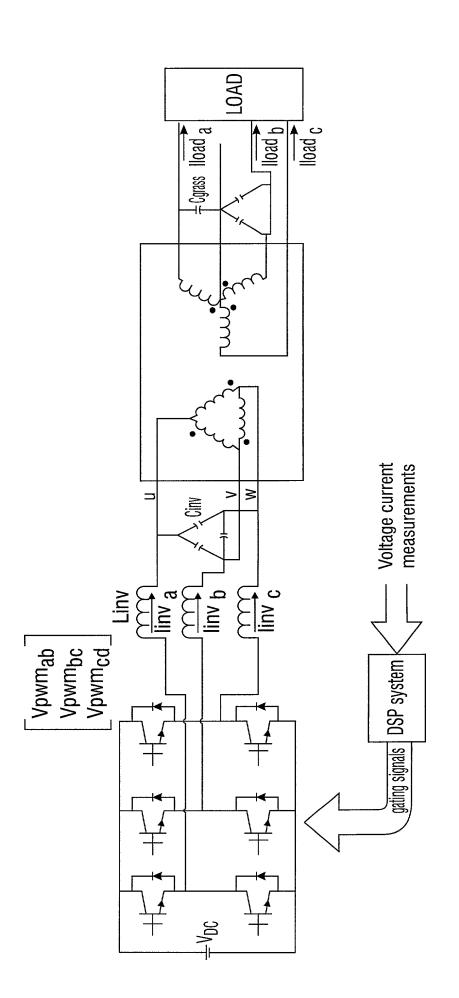


FIG. 30



DELTA-WYE TRANSFORMER

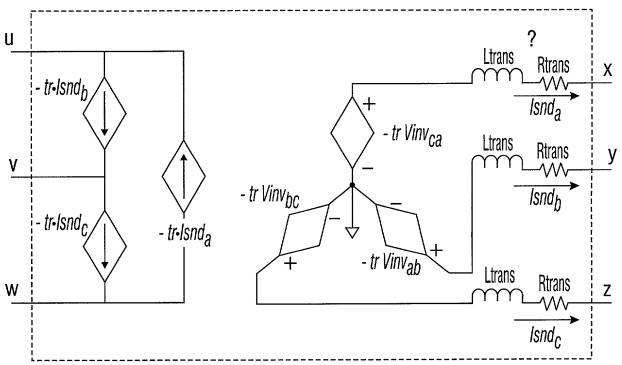
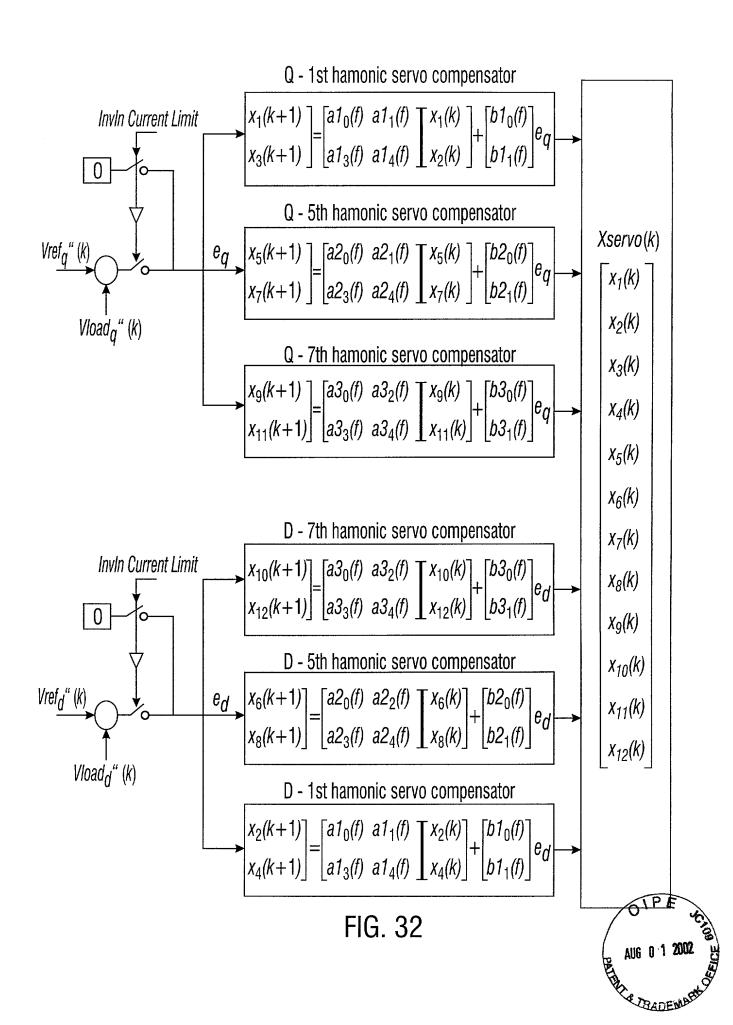


FIG. 31





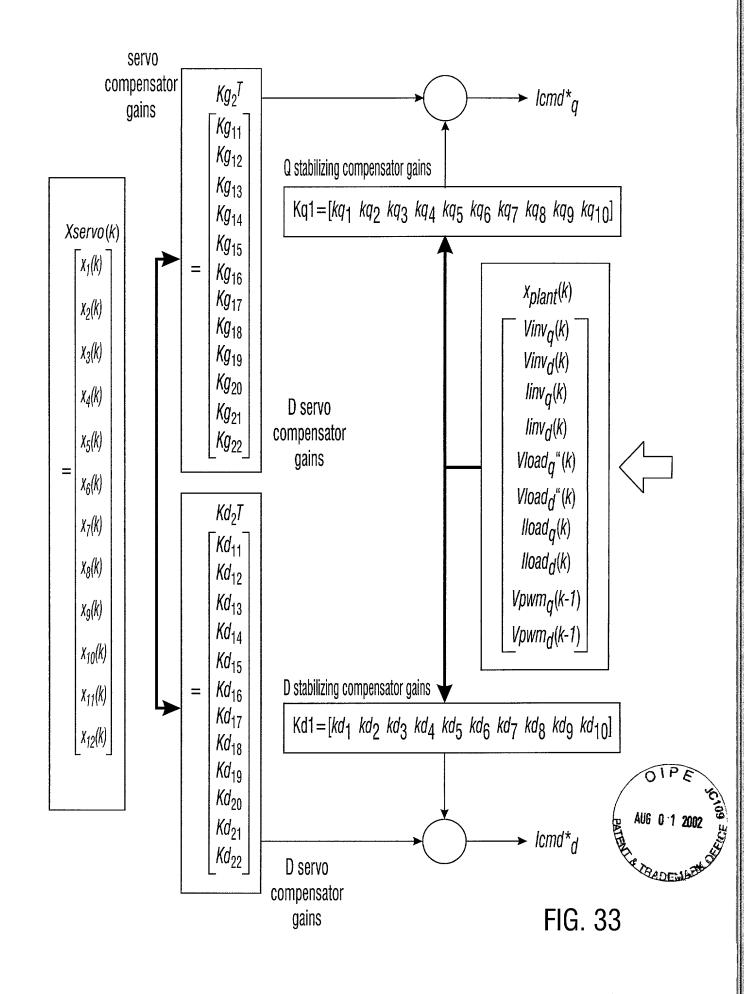


	FIG. 35A-7	FIG. 35A-6
FIG. 35A-5	FIG. 35A-4	FIG. 35A-3
	FIG. 35A-2	FIG. 35A-1

FIG. 35A



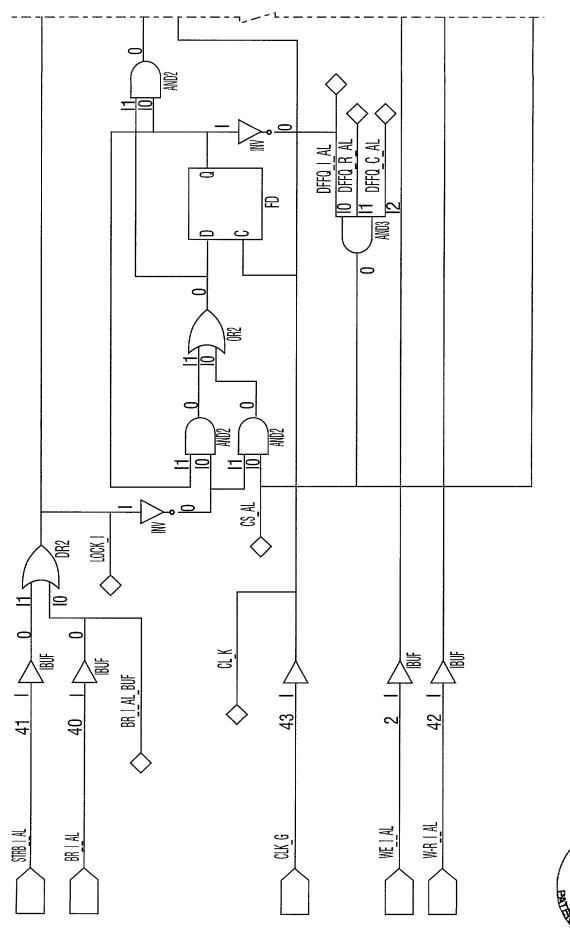
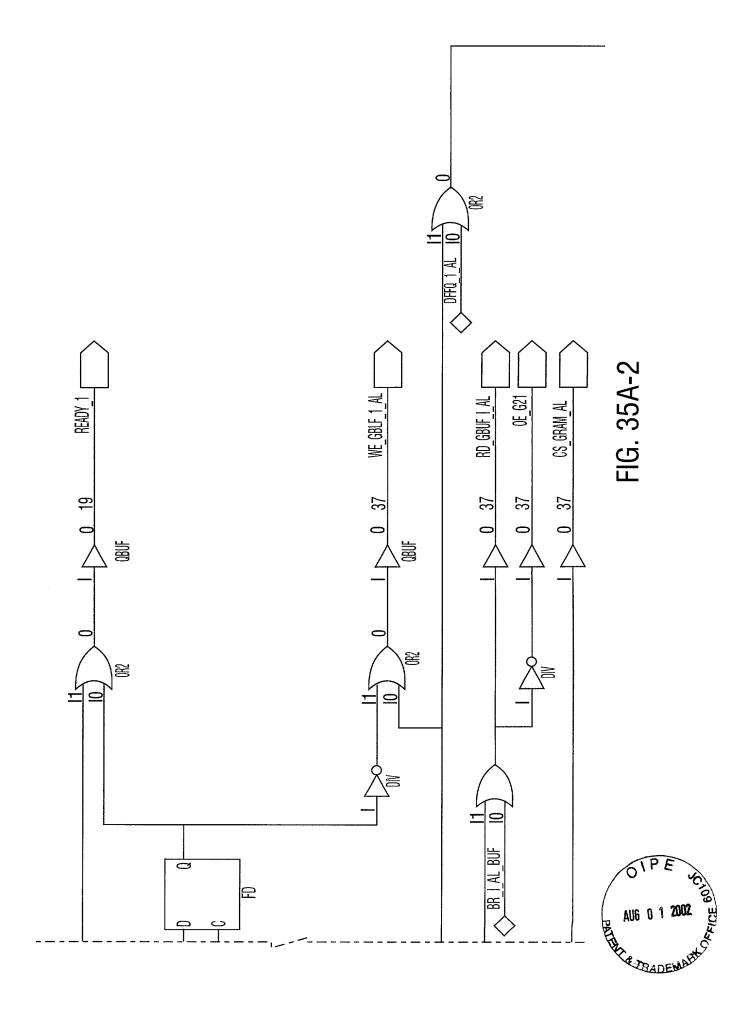


FIG. 35A-1





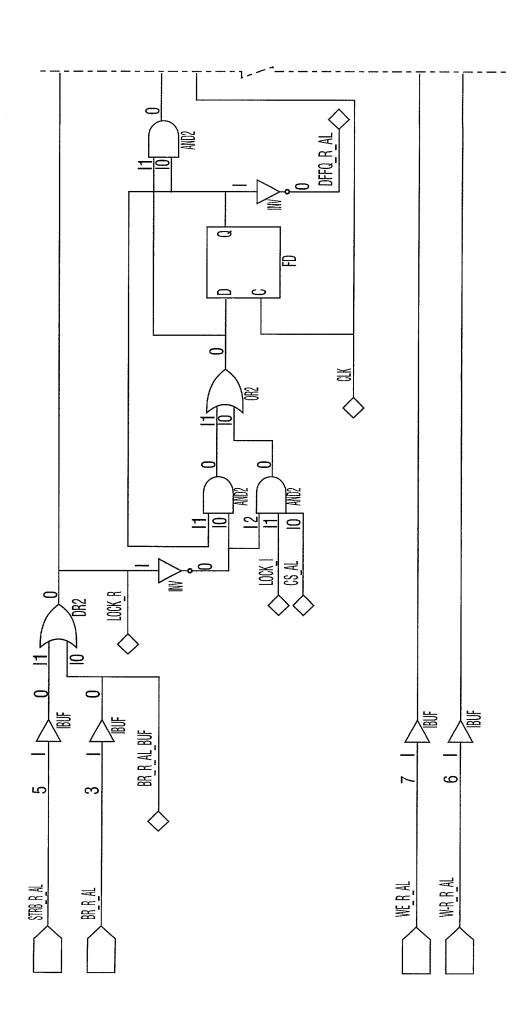


FIG. 35A-3



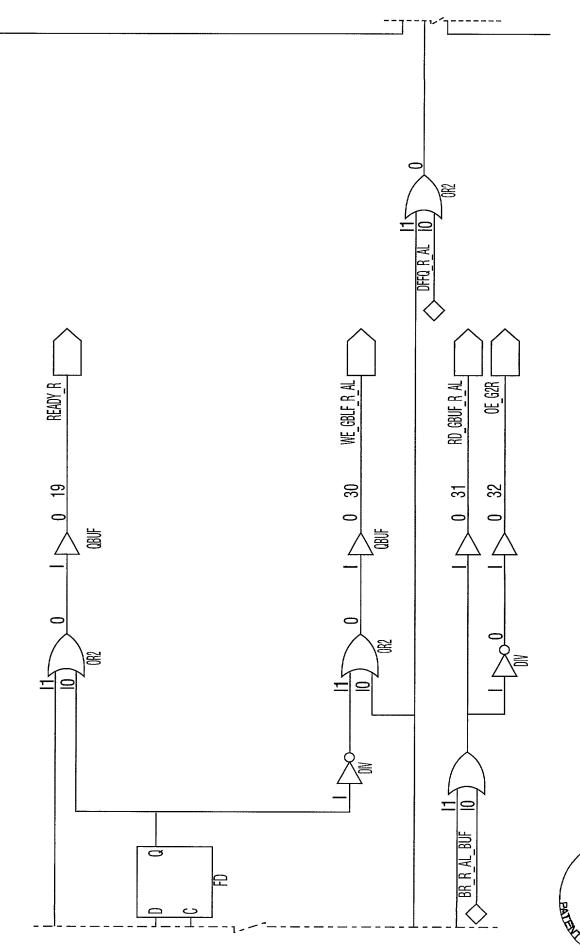
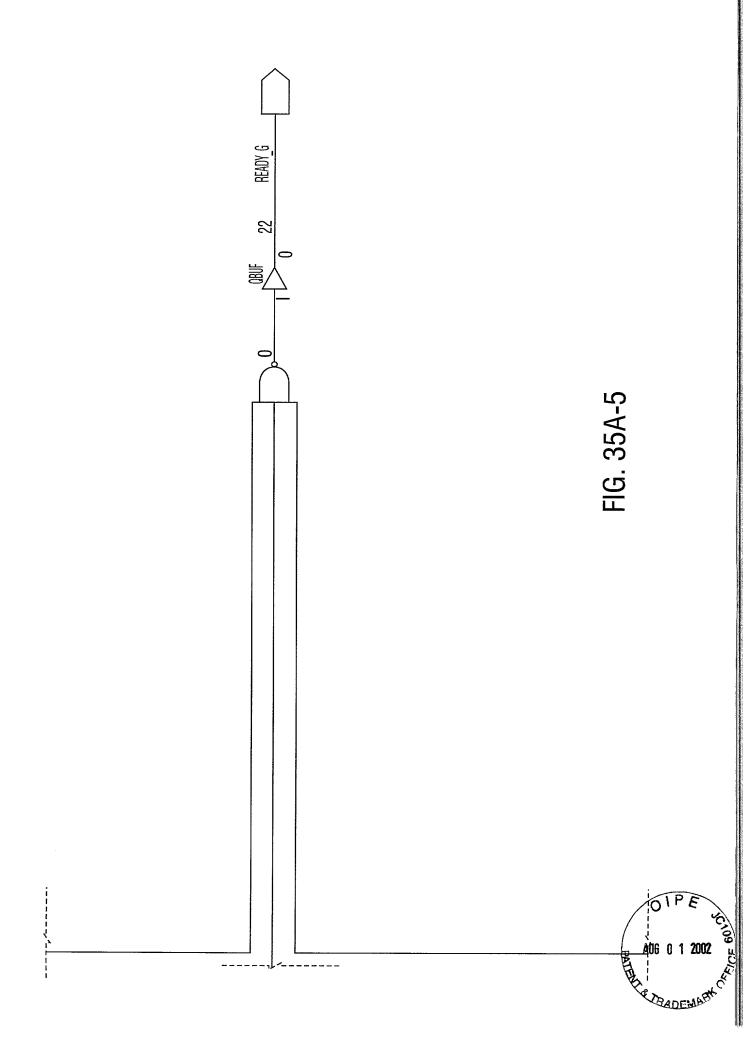


FIG. 35A-4





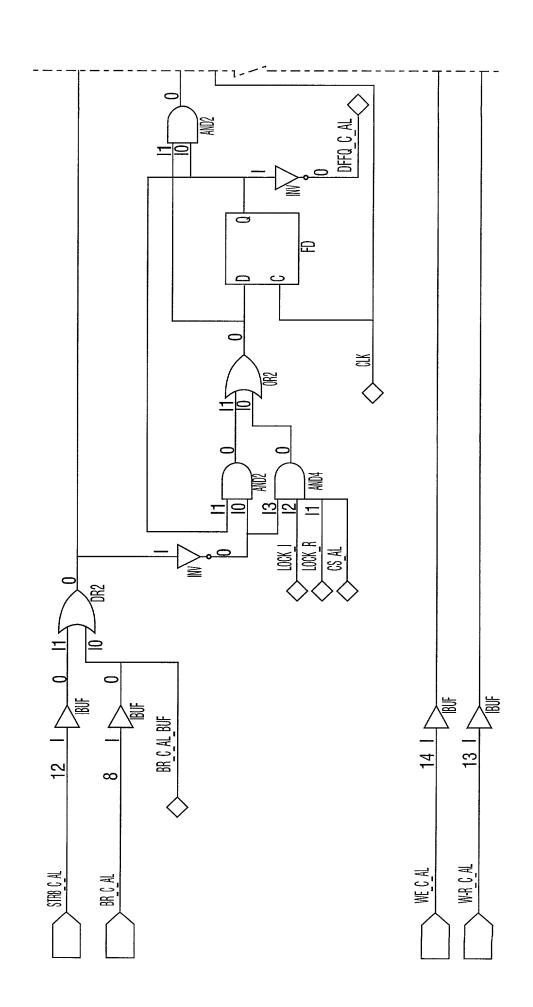
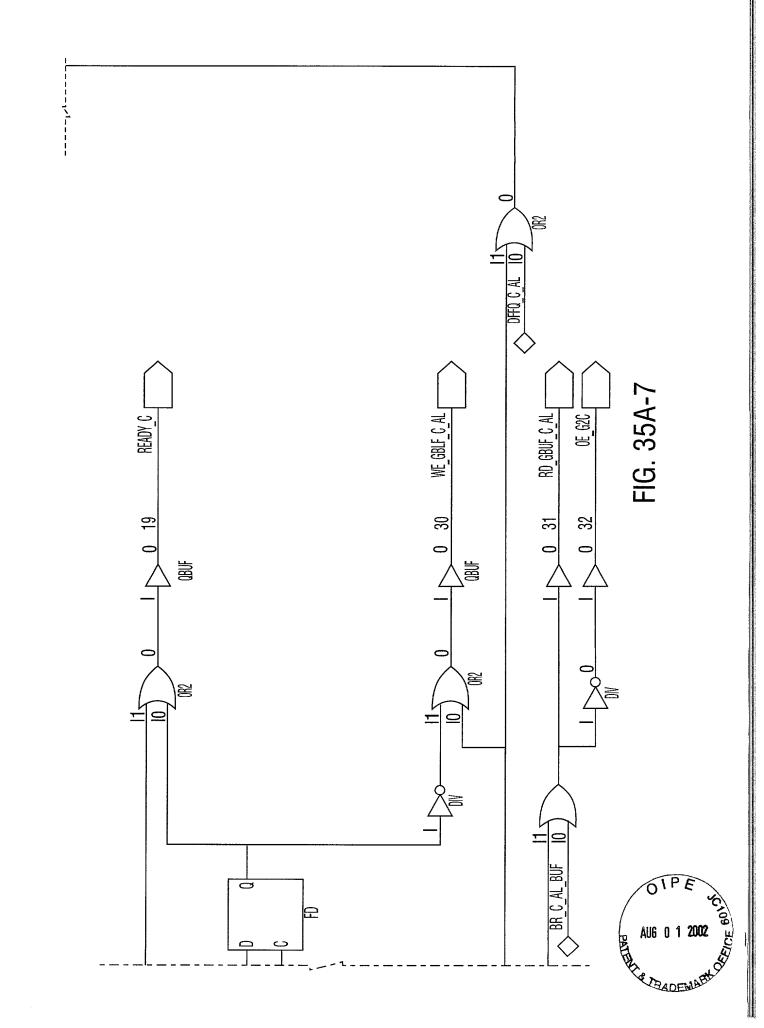


FIG. 35A-6





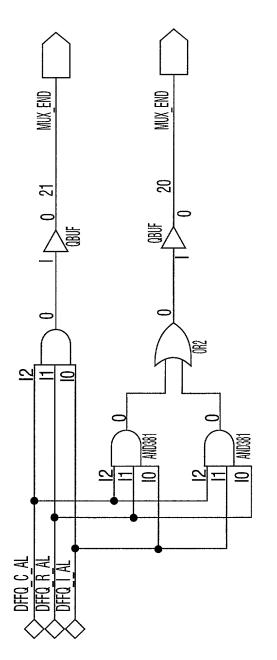


FIG. 35B



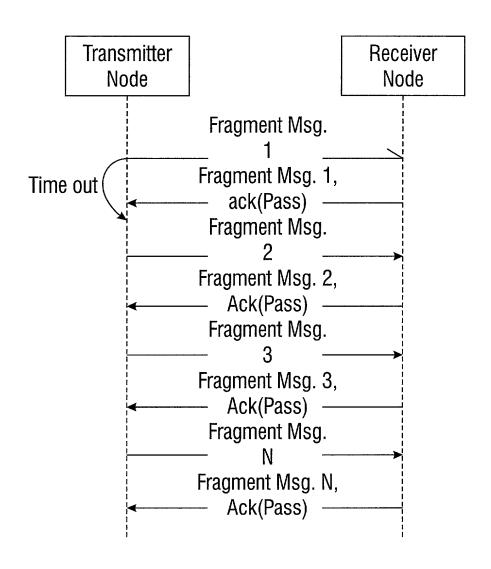


FIG. 36



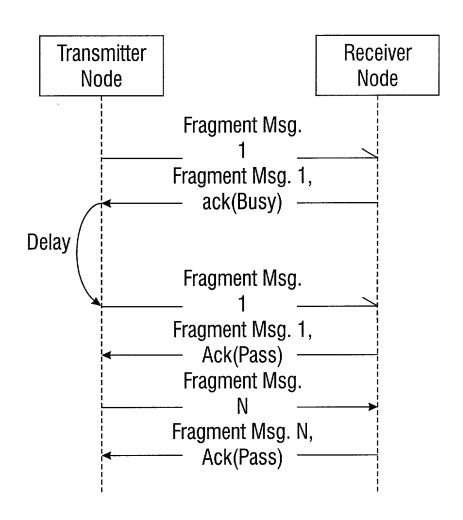


FIG. 37



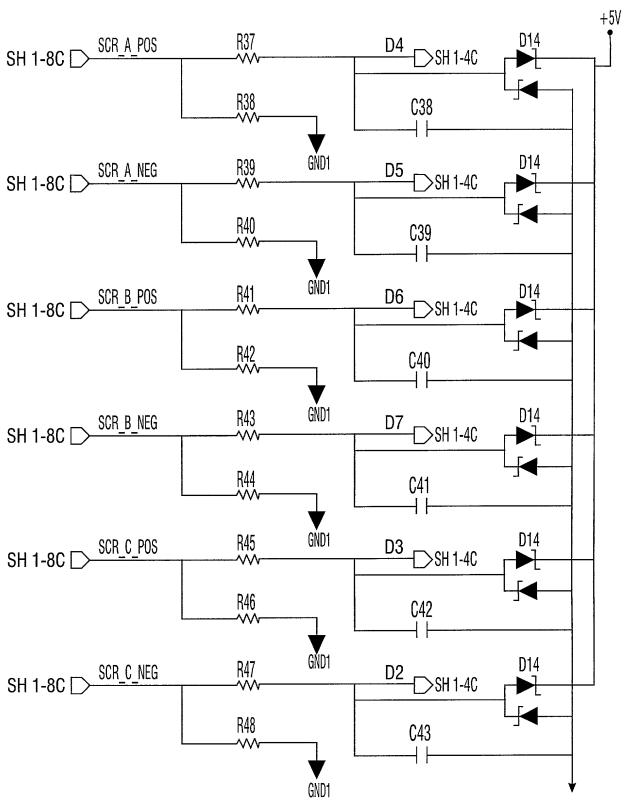
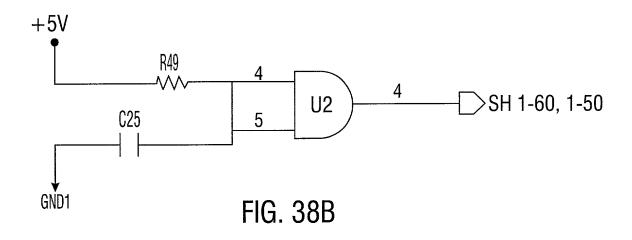


FIG. 38A





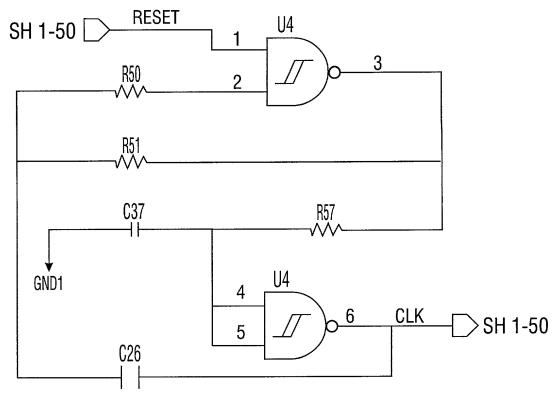
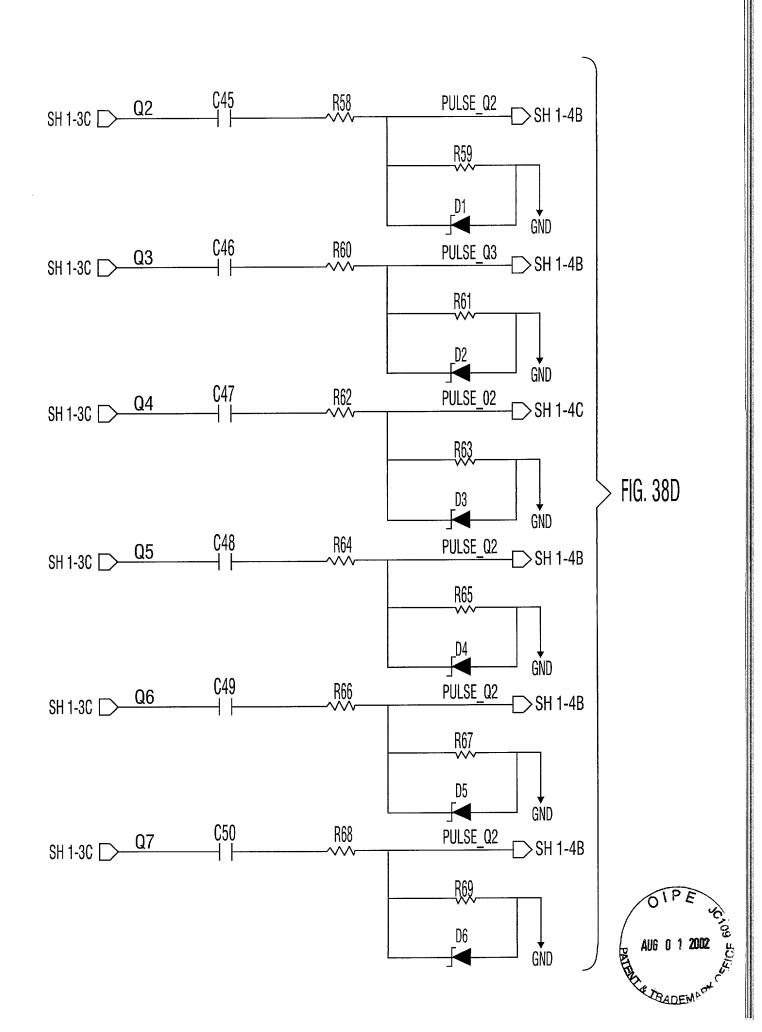
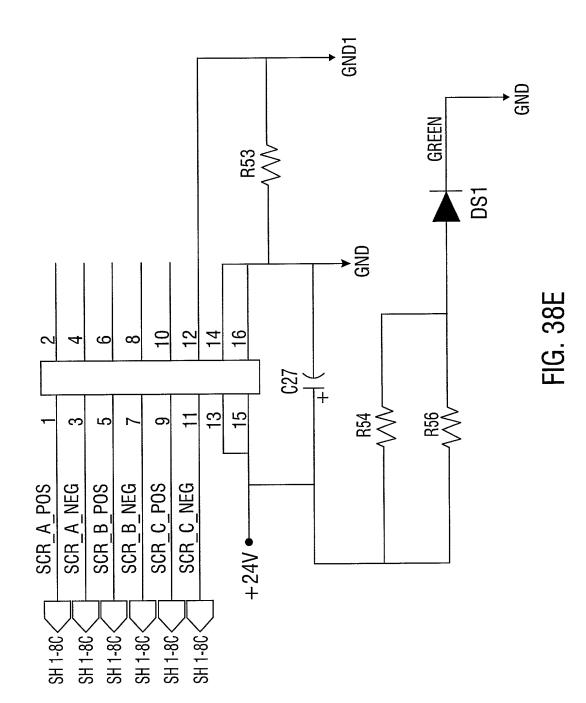


FIG. 38C









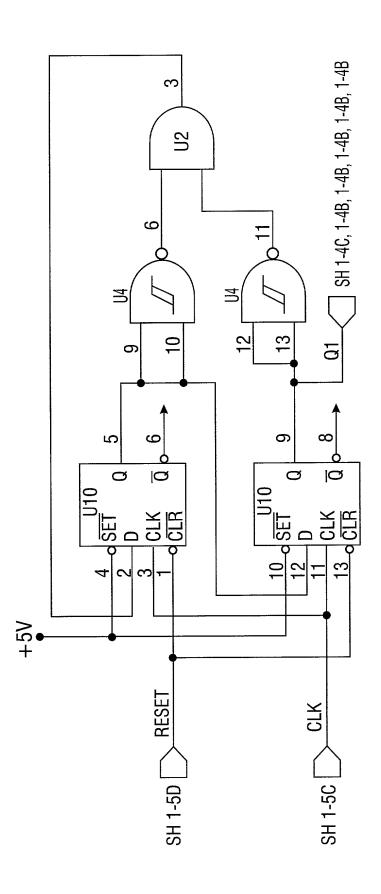


FIG. 38F



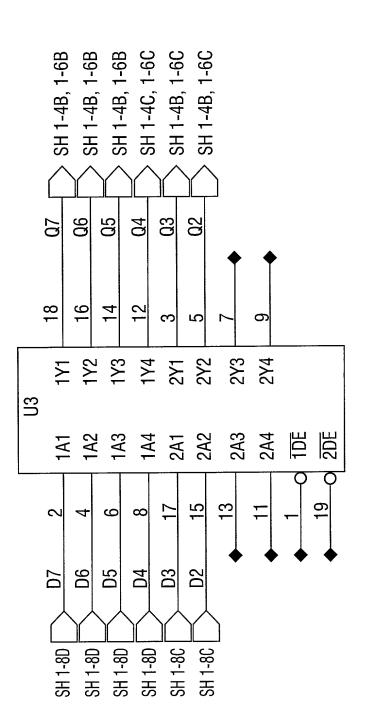


FIG. 38G



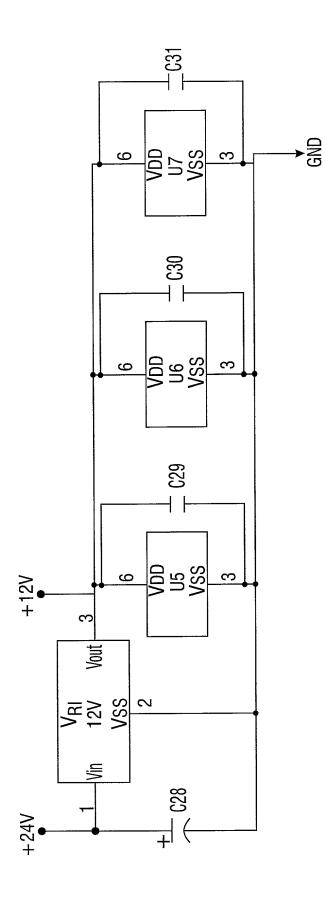
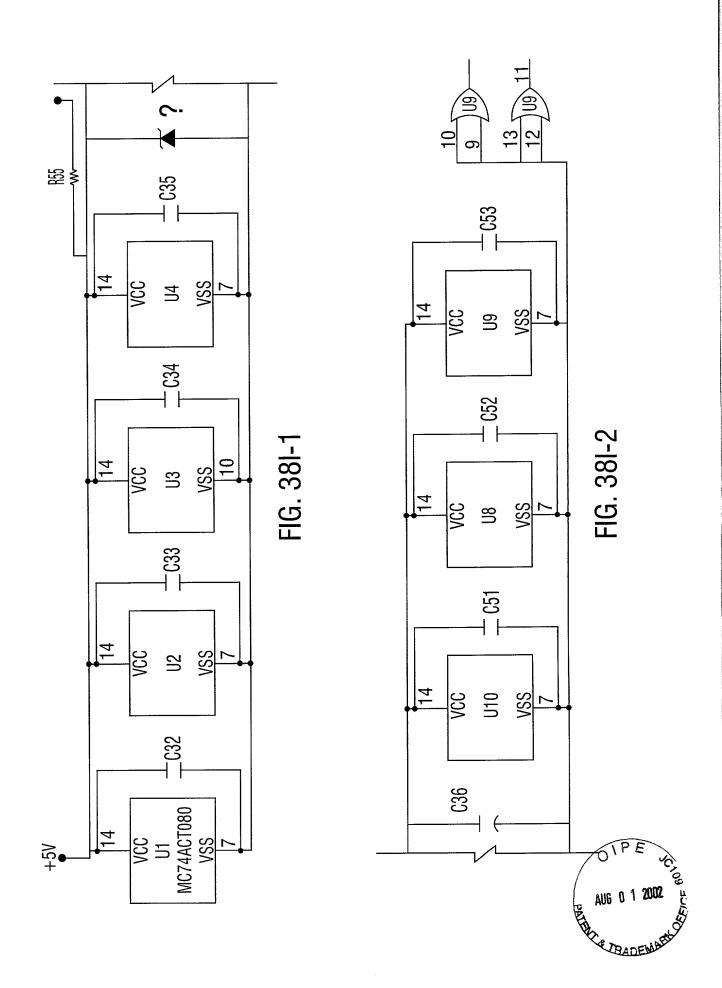
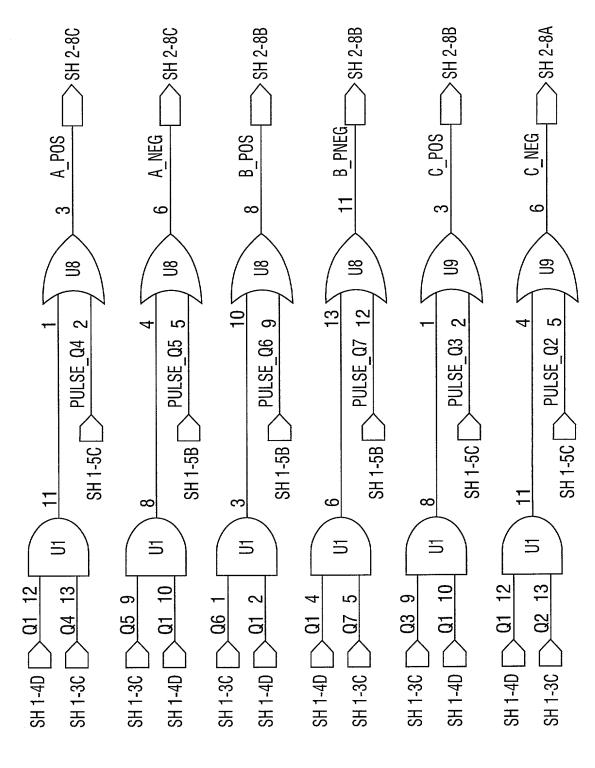


FIG. 38H







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FIG. 38J